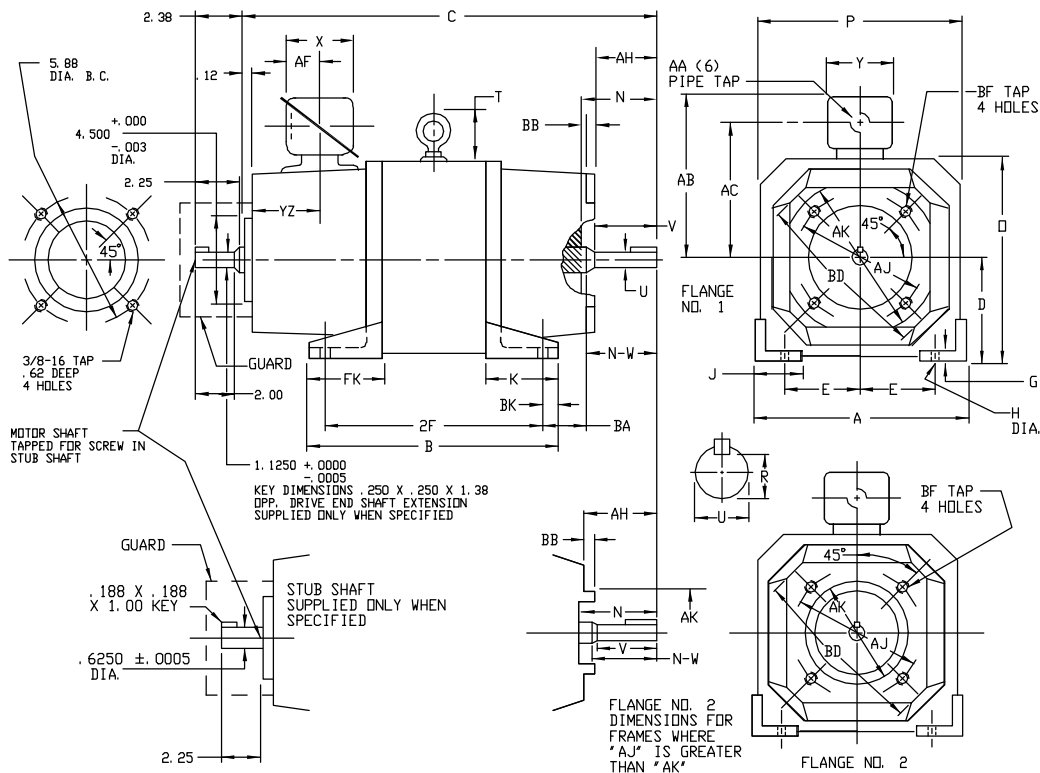


INDUSTRIAL DIRECT CURRENT MOTORS AND GENERATORS – RPM III

ENCLOSURE: DRIP-PROOF FULLY-GUARDED MOUNTING: FOOT, "C" FACE COOLING: SELF-VENTILATED ACCESSORIES: PROVISIONS FOR
SPLASHPROOF, TOTALLY ENCLOSED METHOD OF DRIVE: COUPLED OR BELTED NON-VENTILATED TACHOMETER MOUNTING
ONLY WHEN SPECIFIED

DC180ATY-DC180ATCZ



DIMENSIONS ARE IN INCHES

FRAME	FLANGE	A	B	C	D	E	G	H	J	K	FK	BK	D	P	T	BA	BBX7"	BD	BF	TAP	BF TAPTH" DEPTH"	AJ	AKK4"	A.C SHAFT EXT. REF.
DC189ATY	NO. 2	9.00	4.50	3.75	.31	.44	1.50	3.56	3.56	.50	8.88	8.75	1.88	2.75	.12	8.75	3/8-16	.62	5.88	4.500	140TC EXT.			
DC189ATCZ	NO. 1	9.00	4.50	3.75	.31	.44	1.50	3.56	3.56	.50	8.88	8.75	1.88	2.75	.12	8.75	1/2-13	.88	7.25	8.500	180TC EXT.			
DC1810ATY	NO. 2	9.00	4.50	3.75	.31	.44	1.50	3.56	3.56	.50	8.88	8.75	1.88	2.75	.12	8.75	3/8-16	.62	5.88	4.500	140TC EXT.			
DC1810ATCZ	NO. 1	9.00	4.50	3.75	.31	.44	1.50	3.56	3.56	.50	8.88	8.75	1.88	2.75	.12	8.75	1/2-13	.88	7.25	8.500	180TC EXT.			
DC1811ATY	NO. 2	9.00	4.50	3.75	.31	.44	1.50	3.56	3.56	.50	8.88	8.75	1.88	2.75	.12	8.75	3/8-16	.62	5.88	4.500	140TC EXT.			
DC1811ATCZ	NO. 1	9.00	4.50	3.75	.31	.44	1.50	3.56	3.56	.50	8.88	8.75	1.88	2.75	.12	8.75	1/2-13	.88	7.25	8.500	180TC EXT.			

FRAME	FLANGE	C(S)	B	2F	DRIVE END SHAFT AND KEY								TERMINAL BOX DIMENSIONS							
					N	N-W	L2	V	AH	R(3)	SD	LGTH	AA	AB	AC	AF	X	Y	YZ	WTS.
DC189ATY	NO. 2	18.81	11.62	10.00	2.44	2.55	8750	2.00	2.12	771	1.88	1.38	1.00	7.30	6.11	2.19	4.38	3.75	3.25	130
DC189ATCZ	NO. 1	19.44	11.62	10.00	3.06	2.88	1.1250	2.62	2.62	986	2.50	1.81	1.00	7.30	6.11	2.19	4.38	3.75	3.25	130
DC1810ATY	NO. 2	19.56	12.38	11.00	2.44	2.55	8750	2.00	2.12	771	1.88	1.38	1.00	7.30	6.11	2.19	4.38	3.75	3.25	155
DC1810ATCZ	NO. 1	20.19	12.38	11.00	3.06	2.88	1.1250	2.62	2.62	986	2.50	1.81	1.00	7.30	6.11	2.19	4.38	3.75	3.25	155
DC1811ATY	NO. 2	21.06	13.88	12.50	2.44	2.55	8750	2.00	2.12	771	1.88	1.38	1.00	7.30	6.11	2.19	4.38	3.75	3.25	185
DC1811ATCZ	NO. 1	21.69	13.88	12.50	3.06	2.88	1.1250	2.62	2.62	986	2.50	1.81	1.00	7.30	6.11	2.19	4.38	3.75	3.25	185

- (1) 'D' DIMENSION WILL NOT BE EXCEEDED. SHIMS UP TO .06 INCHES IN THICKNESS ARE USUALLY REQUIRED FOR COUPLED OR GEARED MACHINES. TOLERANCE +.00/-.06.
- (2) 'U' VARIES +.0000, -.0005.
- (3) 'R' VARIES +.000, -.015.
- (4) 'AK' VARIES +.000, -.003.
FACE RUNOUT AND ECCENTRICITY .004 MAX. I. I. R.

- (5) WHEN THE MOTOR APPLICATION DOES NOT REQUIRE THE USE OF
OPP. DRIVE END, ADD .25 TO "C" DIM. FOR BRACKET COVER.
- (6) TERMINAL BOX CAN BE ROTATED TO REPOSITION CONDUIT
CONNECTION.
IF MOUNTING CLEARANCE DETAILS ARE REQUIRED
CONSULT FACTORY.
- (7) "BB" OF .25 IS A MINIMUM VALUE.

MOTOR WEIGHT MAY VARY 15% FOR NON-STANDARD RATINGS AND/OR ACCESSORIES.

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: REVISE "D" DIM TOLERANCE		
REV. LTR: D	VERSION: 04	TDR: 000001148815
FILE: \RGG\00030\373	REVISED: 03:18:10 09/15/2020	BY: RGGNAS
MTL: —		

BALDOR - RELIANCE®

DIMENSION DRAWING,DC180ATY – DC180ATCZ,DPP,TENV,FOOT MTG.

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